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CASE VT/95-22814/A/PCT

CERTIFICATE OF MAILING

I hereby certify that this parter along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA,22313-1450

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Signature

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE PCT NATIONAL STAGE APPLICATION OF

Group Art Unit: 1614

ULRICH BERENS ET AL

Examiner:

INTERNATIONAL APPLICATION NO. PCT/EP

03/50992

FILED: DECEMBER 12, 2003

FOR: SYNTHESIS OF AMINES AND

INTERMEDIATES FOR THE SYNTHESIS

THEREOF

U.S. APPLICATION NO: 10/539,151

35 USC 371 DATE: JUNE 16, 2005

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 CFR 1.56, Applicants wish to call the Examiner's attention to the references cited on the attached forms PTO-1449. A copy of the International Search Report was supplied, when this application entered the U.S. national phase.

U.S. 4,816,470 is a substantively cumulative English language counterpart of DE 33 20 521.

Enclosed herewith are copies of the non-U.S. Patents, abstracts for SK 280 586 and several of the articles which are not in English.

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 forms.

Ciba Specialty Chemicals Corporation Patent Department 540 White Plains Road P.O. Box 2005 Tarrytown, NY 10591-9005 (914) 785-7127

KTM/lg

Encls.: PTO 1449 Forms and 21 References

Date:

JAN 1 2 2006

Respectfully submitted,

Kevin T. Mansfield

Kevin T. Mansfield

Agent for Applicants

Reg. No. 31,635

Sheet _ 1_ of _5_.

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	4,816,470	3/89	Dowle et al.		514	415			
	5,103,020	4/92	Albinson et a	<u>l.</u>	548	504			
	5,037,845	8/91	Oxford		514	415			
	6,114,536	9/00	Esaki et al.		546	277.7			
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	OTHER	R DOCUM	MENTS (includin	g Author, Title, Date, Pertin	ent Pages, Etc	c.)			
	1088/Research Disc	closure, "N	New aniline der	rivatives as key interm	ediates in th	ne synthesis c	of 5-HT	1B/1D	
	receptor agonists",	disclosed	by D. Fernánde	ez-Forner, pgs. 41253-	41254, (8/9	8).			
	Béla Pete et al., He	terocycles	Vol. 48, No. 6	6, Pgs. 1139-1149, (19	98) no mon	th available.			
	Derwent Abstract 9	3-177409/	22 for SK 280	586, (4/00).					
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	OTHE	R DOCU	MENTS (including	ng Author, Title, Date, Pertin	ent Pages	, Etc.)				
	Béla Pete et al., He	eterocycles	s, Vol. 53, No.	3, 2000, pgs. 665-673,	(11/99).					
	Cheng-vi Chen et	al I Org	Chem Vol 50	9, No. 13, pgs. 3738-37	41 (3/0	4)				
	Chong Ji Chon Ct &		<u> </u>	, 1.0. 10, PB0. 0100 01	, (3/)	-/-				
	John Alfred Aesch	limann, "T	The Relative St	ability of the Quinolon	e and In	dolinone Rings'	', pgs. 29	02-		
	2912, (7/26).									
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	Chemical Abstract	AN-1914:948	38 for W. B	orsche et al., Ber. V	ol. 47, pgs. 354	4-363, (1/19)	14).	
	Chemical Abstract	AN-1962:429	9561 for Gü	nther Hallmann, Be	r. Vol. 95, pgs.	. 1138-1143,	(1962) r	10
	month available.							
	R. L. Autrey et al.,	Tetrahedron	Vol 23 no	s. 901-917 (1967)	no month avail	ahle		
	It. D. Huttey et al.,	Tonunction,		<u>, (1707)</u>	- month avail			
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	Simon J. Garden et	al., Tetrahe	dron, Vol. 58	, pgs. 8399-8412, (8/0)2).			